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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10/616,750
Filing Date	July 10, 2003
First Named Inventor	Lewis, et al.
Art Unit	1725
Examiner Name	Ing-Hour Lin
Attorney Docket Number	2041219-0005

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>J. H. Chin</i>	Date Considered	4/5/06
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible.⁶ Applicant is to place a check mark here if English language translation is attached.

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PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 4

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Application Number	10/616,750
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Attorney Docket Number	2041219-0005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
JFL	AA	US-6,622,775	09/23/2003	Crafton et al.	
	AB	US- 6,672,367	01/06/2004	Crafton et al.	
	AC	US- 2004/0055728	03/25/2004	Lewis, Jr. et al.	
	AD	US- 2005/0022957	02/03/2005	Crafton et al.	
	AE	US- 2005/0072549	04/07/2005	Crafton et al.	
	AF	US- 2005/0145362	07/07/2005	Crafton et al.	
	AG	US- 4,582,118	04/15/1988	Jacoby et al.	
	AH	US- 4,610,295	09/09/1988	Jacoby et al.	
	AI	US- 4,709,740	12/01/1987	Jacoby et al.	
	AJ	US- 4,724,887	02/16/1988	Jacoby et al.	
	AK	US- 4,987,950	01/29/1991	Yu	
	AL	US- 5,148,853	09/22/1992	Yu et al.	
	AM	US- 5,681,407	10/28/1997	Yu et al.	
	AN	US- 5,820,705	10/13/1998	Yu et al.	
	AM	US- 5,915,452	06/29/1999	Conroy et al.	
	AN	US- 22,865	02/1859	Gardiner	
	AO	US- 185,378	12/1876	Whitehouse	
	AP	US- 381,655	04/1888	Stover	
	AQ	US- 927,485	07/1909	Custer	
	AR	US- 1,241,867	10/1917	McMillen	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
JFL	AA	CH 622 728 A5	04/30/1981	Kohlswa Jernverks Aktiebolaget, Kolsva (SE)		
	AB	GB 1 549 220	07/25/1979	Back et al. (English Text)		
	AC	EP 0 744 233 A3	11/27/1996	Howmet Corporation (English Text)		
	AD	EP 0 141 666	05/15/1985	Ford Motor Company Limited (English Text)		
	AE	EP 0 141 668 A2	05/15/1985	Ford France Societe Anonyme		
	AF	CH 622 728 A5	04/30/1981	Kohlswa Jernverks AB		
	AG	EP 0 744 233 A2	11/27/1996	Howmet Corporation		

Examiner
Signature*J. H. Lin*Date
Considered

4/5/06

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Sheet 2 of 4

Complete if Known

Application Number 10/616,750
Filing Date July 10, 2003
First Named Inventor Lewis, et al.
Art Unit 1725
Examiner Name Ing-Hour Lin
Attorney Docket Number 2041219-0005

U.S. PATENT DOCUMENTS

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		Number - Kind Code ² (if known)				
J. H. L.	AS	US-	3,124,452	03/1964	Kraft	
	AT	US-	3,540,519	11/1970	Yates	
	AU	US-	620,291	11/1971	Delachapelle	
	AV	US-	3,863,702	02/1975	Hallerberg et al.	
	AW	US-	3,958,619	05/1976	Petersen et al.	
	AX	US-	4,222,429	09/1980	Kemp	
	AY	US-	4,347,890	09/1982	Allin-Pyzik et al.	
	AZ	US-	4,399,858	08/1983	Kurabe et al.	
	BA	US-	4,548,256	10/1985	Glinn et al.	
	BB	US-	4,607,091	08/1986	Schreiber	
	BC	US-	4,629,708	12/1986	Alexander et al.	
	BD	US-	5,143,665	09/1992	Clubbs et al.	
	BE	US-	5,158,130	10/1992	Sahari	
	BF	US-	5,294,648	03/1994	Smith et al.	
	BG	US-	5,333,673	08/1994	Hughes	
	BH	US-	5,573,055	11/1996	Melling et al.	
	BI	US-	5,725,044	03/1998	Hirokawa	
	BJ	US-	5,810,918	09/1998	Landis	
	BK	US-	5,913,354	06/1999	Conroy et al.	
	BL	US-	5,957,188	09/1999	Crafton	
	BM	US-	6,139,619	10/2000	Zaretskiy	
BN	US-	6,338,809	01/2002	Crafton		
BO	US-	6,390,178	05/2002	Makino		
BP	US-	6,447,593	09/2002	Sargent et al.		
BQ	US-	6,469,299	10/2002	Chutjian et al.		
BR	US-	6,547,556	04/2003	Crafton et al.		

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
JHL ↓ ✓	AH	EP 0 119 365 B1	09/1987			
	AI	DE 38 18 168 A1	11/1987			
	AJ	(Japan) 5-169185	07/1993			
	AK	FR 2 614 814 A3	11/1988			
	AL	DE 32 15 809 C1	11/1983			
	AM	GB 2 248 589 A	04/1992			
	AN	WO 93 19870	10/1993			

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Signature

J. H. L.

Date
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Sheet	3	of	4
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Filing Date	July 10, 2003
First Named Inventor	Lewis, et al.
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Examiner Name	Ing-Hour Lin
Attorney Docket Number	2041219-0005

U.S. PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
gla	AO	EP 0 796 681 A2	09/1997			
↓	AP	GB 2 070 627 A	09/1981			
✓	AQ	DE 195 25 307 A1	01/1997			

**Examiner
Signature**

9. H Lin

Date Considered

4/5/06

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STATEMENT BY APPLICANT**

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Sheet 4 of 4

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Application Number	10/616,750
Filing Date	July 10, 2003
First Named Inventor	Lewis, et al.
Art Unit	1725
Examiner Name	Ing-Hour Lin
Attorney Docket Number	2041219-0005

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HL	AA	Patent Abstracts of Japan, JP-60247458 (Mazda Motor Corp.) December 7, 1985	
	AB	NIEDLING, JAKE J. et al., "Evaluating RSI Sows For Safe Charging Into Molten Metal," Light Metals 2003, TMS (The Minerals, Metals & Materials Society), 2003, pp. 695-700	
	AC	EKENES, J. MARTIN et al., "Cause and Prevention of Explosions Involving Hot-Top Casting of Aluminum Extrusion Ingot," Light Metals 2003, TMS (The Minerals, Metals & Materials Society), 2003, pp. 687-693	
	AD	Patent Abstracts of Japan, vol. 010, no. 118, 2 May 1986 & JP 60 247458 (Mazda KK) 7 December 1985	
	AE	Patent Abstracts of Japan; Publication No. 61007058; Publication Date 13-01-86	
	AF	Patent Abstracts of Japan, Vol. 11, No. 094 25 March 1987 & JP 61 245938, Asahi Organic Chem. Ind. Co. Ltd., 1 November 1986	
	AG	VELTRUP E.M., "Kurze Entkernungszeiten Beim Entkernen Mit Hochdruckwasserstrahl," Giesserei, Giesserei Verlag, Dusseldorf, Germany, Vol. 74, No. 4, 18 February 1987, pages 102-104	

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q. h. Li

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